

CLASS SPECIFICATION
County of Fairfax Virginia

CLASS CODE: 5151 **TITLE:** ENGINEERING PLANS EXAMINER **GRADE:** S-22

DEFINITION:

Under direction, to conduct plan examination for code compliance relative to mechanical, electrical and plumbing/gas installations; and to do related work as required.

TYPICAL TASKS:

Prior to issuance of permits, examines and interprets plans for installation of heating, air conditioning and ventilation systems or plumbing and gas systems or electrical systems in commercial, public and industrial buildings; reviews design and construction of heating, blower and exhaust systems; determines design safety and adequacy of construction of electrical power distribution systems; determines flow rate of any fixture load in plumbing systems and cubic feet loads in gas systems; approves or denies the issuance of permits; consults with design engineers and recommends design changes for code compliance; recommends appropriate code changes; may assist in supervision; makes field inspections to insure code compliance on more difficult installations; may establish inspection procedures for more difficult installations; aids field inspectors in the inspection of unfamiliar equipment; attends meetings and conferences.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:

Knowledge of the principles and practices of electrical, mechanical, plumbing and gas installations, knowledge of materials used;

Knowledge of state and local construction codes;

Ability to read and interpret engineering plans and specifications for approval or rejection in accordance with established codes;

Ability to supervise subordinate personnel;

Ability to maintain effective working relationships with the public and fellow employees.

EMPLOYMENT STANDARDS:

Graduation from college in the related field of engineering (Mechanical or Electrical) and one year of related plan review work.